Small Business Innovation Research/Small Business Tech Transfer

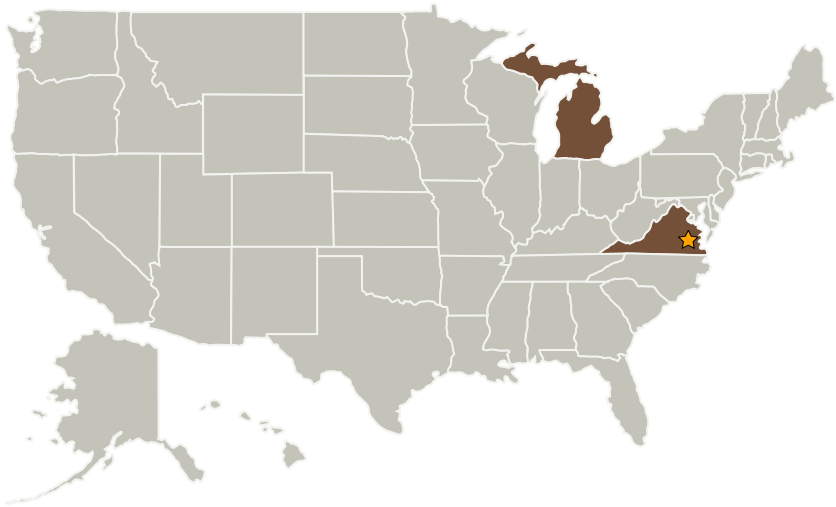
Low Noise PAV Ducted Propeller using Automotive Manufacturing, Phase I

Completed Technology Project (2004 - 2005)

Project Introduction

A critical barrier for GA to serve as viable and volume personal transportation is the lack of a cost-effective, yet open-growth, Lean Design and manufacturing technologies using automotive manufacturing technologies in for new personal airplanes. Munro & Associate and Michigan SATS share a vision, ?The CAR of the FUTURE is an Airplane?. This STTR?s goal is to create an innovative, Lean Design PAV design through 21st century automotive industry technologies ? Such designs systems will serve as a vital enabler for turning NASA's PAV Vision into reality.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★Langley Research Center(LaRC)	Lead Organization	NASA Center	Hampton, Virginia
Munro and Associates	Supporting Organization	Industry	Troy, Michigan

Primary U.S. Work Locations	
Michigan	Virginia

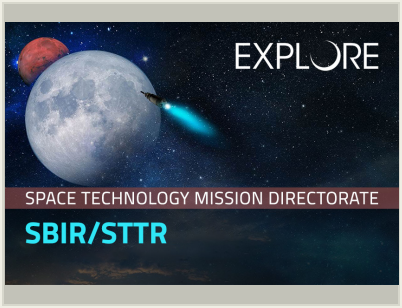


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Table of Contents

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Langley Research Center (LaRC)

Responsible Program:

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Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

Susan Okray

Technology Areas

Primary:

- TX07 Exploration Destination Systems
  - TX07.2 Mission Infrastructure, Sustainability, and Supportability
    - TX07.2.3 Surface Construction and Assembly